

TOWNSEND
and
TOWNSEND
and
CREW
L.L.P.

San Francisco, California
Tel 415 576-0200

Walnut Creek, California
Tel 925 472-5000

San Diego, California
Tel 858 350-6100

Denver, Colorado
Tel 303 571-4000

Seattle, Washington
Tel 206 467-9600

Palo Alto

379 Lytton Avenue
Palo Alto
California 94301-1431
Tel 650-326-2400
Fax 650-326-2422

FACSIMILE COVER SHEET

Date: February 10, 2004	Client & Matter Number: 021433-000120US	No. Pages (including this one): 7
To: Ms. Orpeza U.S. Patent and Trademark Office	At Fax Number: (703) 306-4520	Confirmation Phone Number: (703) 605-4355
From: Edward W. Masinas		(5503)

Dear Ms. Orpeza,

Please find the attached Supplemental Information Disclosure Statement you requested for the following application.

021433-000120US/1151.1106101
Electrode Designs & methods of Use for Cardiovascular Reflex Control Devices
Keival, Robert S.
Persson, Bruce J.
Serdar, David J.
Keith, Peter T.
Irwin, Eric D.
09/963777
09/26/2001

If you have any questions, please let us know,

Regards,

Eddy Masinas

Prosecution Case Assistant

60139086 v1

Original Will:	BE SENT BY MAIL	BE SENT BY FEDEX/OVERNIGHT COURIER	BE SENT BY MESSENGER	<input checked="" type="checkbox"/> NOT BE SENT
----------------	-----------------	------------------------------------	----------------------	-------------------------------------------------

Faxed:

Return to: Edward W. Masinas - (5503)

If you have problems with reception please call Fax Services at extension 5565

Important

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, and/or exempt from disclosure by applicable law or court order. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the above address via the United States Postal Service. Thank you.

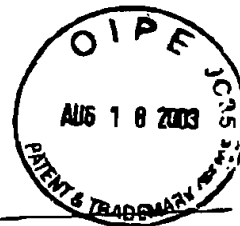
60139086 v1

TO THE U.S. PATENT AND TRADEMARK OFFICE
Please stamp the date of receipt of the following document(s) and return
this card to us:

RE: KIEVAL

TITLE OF DOCUMENT(S):

Transmittal Form
Supplemental Information Disclosure Statement
Fee Authorization (see Page 2)
PTO/SB/08A & PTO/SB/08B
19 Reference Copies



Application No 09/963,777

File No 021433-000120US

Date due _____

Date Mailed 08/14/03

Atty/Secty. JMH/cwm

60018228 v1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

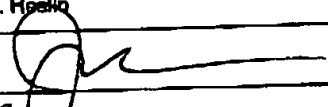
(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/963,777
	Filing Date	September 28, 2001
	First Named Inventor	KIEVAL
	Art Unit	3782
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	021433-000120US

ENCLOSURES (Check all that apply)


<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard 19 Reference Copies
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

COPY**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual	Townsend and Townsend and Crew LLP	Reg. No. 29,541
Signature		
Date	August 3, 2003	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Edward Masinas	Date	August 14, 2003
Signature			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

PATENT
Attorney Docket No.: 021433-000120US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On 08-19-03

TOWNSEND and TOWNSEND and CREW LLP

By: Edward Masinas
Edward Masinas

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Robert S. Kieval

Application No.: 09/963,777

Filed: September 26, 2001

For: ELECTRODE DESIGNS AND
METHODS OF USE FOR
CARDIOVASCULAR REFLEX
CONTROL DEVICES

Examiner: Unassigned

Art Unit: 3762

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

PATENT

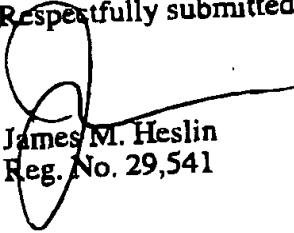
Robert S. Kieval
Application No.: 09/963,777
Page 2

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,


James M. Heslin
Reg. No. 29,541

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: 650-326-2400
Fax: 650-326-2422
JMH:ewm
60014068 v1

PTQ/SB/08A (04-03)

Approved for use through 04/30/2003, OMB 0851-0031
U.S. DEPARTMENT OF COMMERCE

Approved for use through 04/30/2003. OMB 0037-0001
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
This document is for internal use only. It contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Substitute for form 1448/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Page	1	of	2
------	---	----	---

Complete if Known

Application Number	09/983,777
Filing Date	September 26, 2001
First Named Inventor	Kieval
Art Unit	3762
Examiner Name	Unassigned
Attorney Docket Number	021433-000120US

U.S. PATENT DOCUMENTS

Examiner	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code* (if known)			
	1	3,843,936	03-16-1976	RASOR et al.	
	2	5,215,089	06-03-1993	BAKER, Jr.	
	3	5,540,735	07-30-1996	WINGROVE	
	4	6,545,202	08-13-1996	DAHL et al.	
	5	5,766,236	06-16-1998	DETTY et al.	
	6	5,861,015	01-19-1999	BENJA-ATHON	
	7	6,438,428	08-20-2002	AXELGAARD et al.	
	8	6,584,101	05-31-2003	ZIKRIA	
	9	2002/0005982	01-17-2002	BORLINGHAUS	
	10	2002/0103516	08-01-2002	PATWARDHAN et al.	
	11	2002/0151051	10-17-2002	LI	
	12	2003/0040785	02-27-2003	MASCHINO et al.	

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

Signature _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance
if not considered. Include copy of this form with next communication to applicant.

For more information, please visit the USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter

EXAMINER: Initial if reference considered, whether or not citation is in communication to applicant.
and not considered, include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter
Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign
of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document
under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22304-1450.
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Page 2 of 2**Complete if Known**

Application Number	09/983,777
Filing Date	September 26, 2001
First Named Inventor	Kieval
Art Unit	3762
Examiner Name	Unassigned
Attorney Docket Number	021433-000120US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	13	Brattstrom, A., Influence of Continuous and Intermittent (R-Wave Triggered) Electrical Stimulation of the Carotid Sinus Nerve on the Static Characteristic of the Circulatory Regulator, Experientia 28:414-416, 1972.	
	14	Peters et al., The Principle of Electrical Carotid Sinus Nerve Stimulation: A Nerve Pacemaker System for Angina Pectoris and Hypertension Therapy, Annals of Biomedical Engineering, 8:445-458, 1980.	
	15	Peters et al., Cardiovascular response to time delays of electrocardiogram-coupled electrical stimulation of carotid sinus nerves in dogs, Journal of the Autonomic Nervous Systems, 25:173-180, 1988.	
	16	Richter et al., The Course of Inhibition of Sympathetic Activity during Various Patterns of Carotid Sinus Nerve Stimulation, Pflugers Arch., 317:110-123, 1970.	
	17	Sedln, Gunnar, Responses of the Cardiovascular System to Carotid Sinus Nerve Stimulation, Upsala J Med Sci, 81:1-17, 1976.	
	18	Warzel et al., Effects of carotis sinus nerve stimulation at different times in the respiratory and cardiac cycles on variability of heart rate and blood pressure of normotensive and renal hypertensive dogs, Journal of the Autonomic Nervous System, 26:121-127, 1989.	
	19	Warzel et al., The Effect of Time of Electrical Stimulation of the Carotid Sinus on the Amount of Reduction in Arterial Pressure, Pflugers Arch., 337:39-44, 1972.	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

60014066 v1